

The 2nd International Workshop on Space Radiation Research (IWSSRR-2)

- Preliminary Program -

Time	3/11(Mon)	3/12(Tue)	3/13(Wed)	3/14(Thu)	3/15(Fri)
8:50		Poster setting	Shielding: Physical Protection	Biology-1: Physiological Effects	Medicine: Biological Protection
10:10		10:00- Opening & Overview	Coffee Break	Coffee Break	Coffee Break
10:40			Radiation Protection Dosimetry in Space	Biology-2: Cellular Response	Scientific Experiments in Space
12:00	(LOC meeting)	Lunch Break (Moderator meeting)	Lunch Break	Lunch Break & Poster removing	Summary & Closing
13:00		Poster session (with drinks)	Space Radiation Environment	13:30- Biology-3: Gene Stability	(SPC/LOC meeting)
14:20			Excursion in Nara	Space Utilization Research / JASR meeting	-15:45 Break
15:00	Registration (at hotel)				
17:00	Welcome Cocktail Party	16:30- Accelerator Facilities for Space Research		17:00- Attraction	
18:00	(SPC/LOC meeting)	-18:30		18:00- Banquet	

Program

March 11 (Mon)

15:00-17:00 **Registration** (4F, Mitsui Garden Hotel Nara)
*As to hotel location, please look at a map on the 2nd announcement or the web page: <http://www.nirs.go.jp/usr/workshop/nara.htm>.

17:00-18:00 **Welcome Cocktail Party** (at 4F Hagoromo room of the Hotel)
*This small party is intended to make an opportunity for promoting face-to-face communications among participants.

March 12 (Tue)

8:50-10:00 **Poster setting** (2F Reception Hall of the Nara-ken New Public Hall)
*Please note that all presenting participants (except special talks) are requested to give poster presentations in the poster session. The Program Committee and/or session moderators will choose speakers for roundtable discussions will be chosen before the workshop.

10:00-10:50 **Opening session** (1F Noh-gaku Hall)
Welcoming address
 - Dr. Takeo Ohnishi (Nara Medical Univ.)
Opening address
 - Dr. Walter Schimmerling (NASA Headquarters)
Keynote address: *“What is the Plan ?”*
 - Prof. John F. Dicello (Johns Hopkins Univ.)

10:50-12:00 **Overview session** (1F Noh-gaku Hall)
“Cosmic Radiation and Human Missions to Mars”
 - Dr. Gerda Horneck (German Aerospace Center: DLR)
“Studies about Space Radiation Promote New Fields in Radiation Biology”
 - Prof. Takeo Ohnishi (Nara Medical Univ.)

a special session entitled “**Supporting Facilities for Space Utilization Research**” will be held to introduce supporting facilities for space utilization research mainly for Japanese participants. The moderators of this special session will be Mr. Shigeki Kamigaichi (NASDA) and Dr. Satoshi Fukuda (NIRS).

March 14 (Thu)

8:50-10:10

Roundtable Discussion –5 (1F Noh-gaku Hall)

Space Radiation Biology (1): Physiological Effects

Moderators: Dr. Marcelo Vazquez (BNL) and

Dr. Shunji Nagaoka (Fujita Health Univ.)

Keynote: Dr. Francis A. Cucinotta (NASA JSC)

10:40-12:00

Roundtable Discussion –6 (1F Noh-gaku Hall)

Space Radiation Biology (2): Cellular Response

Moderators: Dr. Mauro Belli (Ist. Sup. San.) and

Dr. Fumio Suzuki (Hiroshima Univ.)

Keynote: Dr. Eric J. Hall (Columbia University)

13:30-15:45

Roundtable Discussion –7 (1F Noh-gaku Hall)

Space Radiation Biology (3): Gene Stability

Moderators: (to be determined) and

Dr. Fumio Yatagai (RIKEN)

Keynote: Prof. Jürgen Kiefer (Strahlencentrum der
Justus-Liebig-University)

16:00-17:00

Roundtable Discussion –8 (1F Noh-gaku Hall)

Space Radiation Biology (4): Plants

Moderators: (to be determined) and

Dr. Takeshi Todo (Kyoto Univ.)

17:00-18:00

Attraction (1F Noh-gaku Hall)

*As an attraction event, KYOGEN, an ancient Japanese comic play, will

be performed by a professional Kyogen troupe. The time of the play will be about 20min.

18:00-20:00 **Banquet** (2F Reception Hall)
*Welcoming remarks from the representatives of NASA, NIRS, and Nara Medical University will be made.

March 15 (Fri)

8:50-10:10 **Roundtable Discussion –9** (1F Noh-gaku Hall)
Medicine: Biological Protection
Moderators: Dr. Thomas Seed (AFRRI) and Dr. Koichi Ando (NIRS)
Keynote: (to be determined)

10:40-12:00 **Roundtable Discussion –9** (1F Noh-gaku Hall)
Scientific Experiments in Space
Moderators: (to be determined) and
Dr. Tamotsu Nakano (NASDA)
Keynote: (to be determined)

12:00-13:00 **Closing Session** (1F Noh-gaku Hall)
Workshop overview
- Dr. Francis A. Cucinotta (NASA JSC)
Closing address
- Dr. Walter Schimmerling (NASA Headquarters)
Closing remarks
- Dr. Kazunobu Fujitaka (NIRS)

March 16 (Sat)

8:00 – 20:00 A post-workshop excursion visiting the following places is planned (required number of participants: 15): (1) Spring-8: the world's largest synchrotron radiation facility, (2) Hyogo Ion Beam Medical Center: a newly-built hadrontherapy facility, and (3) Himeji Castle: A well-preserved white castle registered on UNESCO's World Heritage list.